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| Substitute for form 1449/PTO<br><br><h2 style="text-align: center;">INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</h2> <p style="text-align: center;">(Use as many sheets as necessary)</p> |   | <b>Complete if Known</b><br>Application Number <b>10/585,993-Conf. #8867</b><br>Filing Date <b>July 13, 2006</b><br>First Named Inventor <b>Hiroshi YOKOTA</b><br>Art Unit <b>1793</b><br>Examiner Name <b>C. A. Fogarty</b><br>Attorney Docket Number <b>1823-0130PUS1</b> |   |
| Sheet   | 1 | of  | 2 |

| U.S. PATENT DOCUMENTS |                       |   |                                |  |   |
|-----------------------|-----------------------|---|--------------------------------|--|---|
| Examiner Initials*    | Cite No. <sup>1</sup> | Document Number<br>Number-Kind Code <sup>2</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
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| Examiner Initials*       | Cite No. <sup>1</sup> | Foreign Patent Document<br>Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
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|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(ii)) because that application was filed after June 30, 2003 or is available in the IPW. \* Applicant's unique citation designation number (optional). \* See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. \* Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3). \* For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \* Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible. \* Applicant is to place a check mark here if English language Translation is attached.

\* English language Abstract provided

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| Sheet   | 2 | of   | 2 |

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| NON PATENT LITERATURE DOCUMENTS |          |   |  |                |
|---------------------------------|----------|---|--|----------------|
| Examiner Initials               | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |  | T <sup>3</sup> |
|                                 | CA       | Pre-lecture Paper of Tribology Conference of Tribology Institute of Japan (Tokyo 2003-5)  |  |                |
|                                 | CB       | Office Action dated October 10, 2009 (issued in Application No. 11/148,186)   |  |                |
|                                 | CC       | Office Action dated May 7, 2007 (issued in Application No. 11/148,186)  |  |                |
|                                 | CD       | Office Action dated November 6, 2007 (issued in Application No. 11/148,186)   |  |                |
|                                 | CE       | Office Action dated May 5, 2008 (issued in Application No. 11/148,186)  |  |                |
|                                 | CF       | Office Action dated June 5, 2008 (issued in Application No. 11/148,186)   |  |                |
|                                 | CG       | Office Action dated August 19, 2008 (issued in Application No. 11/148,186)  |  |                |
|                                 | CH       | Office Action dated March 6, 2009 (issued in Application No. 11/148,186)  |  |                |
|                                 | CI       | Office Action dated July 27, 2009 (issued in Application No. 11/148,186)  |  |                |
|                                 | CJ       | Office Action dated August 13, 2009 (issued in Application No. 11/148,186)  |  |                |
| Examiner Signature              |          | Date Considered   |  |                |

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